

# RECLAMATION

## *Managing Water in the West*

### MT DROUGHT ADVISORY COMMITTEE MEETING RESERVOIR AND RIVER OPERATIONS

March 9, 2006



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### Summary of Reservoir Conditions

March 1, 2006 April-July Forecast 1,000 Acre-Feet						
RESERVOIR NAME	CONTENT KAF	% OF AVG	SNOW WATER CONTENT	% OF AVG	APR-JUL KAF FORECAST	% OF AVG
Clark Canyon	96,963	69	11.6	101	74	66
Canyon Ferry	1,331,595	88	14.9	107	1,923	95
Gibson	13,755	31	89.8	90	416	87
Lake Elwell	729,016	109	16.3	92	392	81
Lake Sherburne	46,320	205	26.2	96	97	93
Fresno Reservoir	49,248	138	4.5	98	70	73
Bighorn Lake	845,680	100	9.4	86	957	80



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### Lima Reservoir

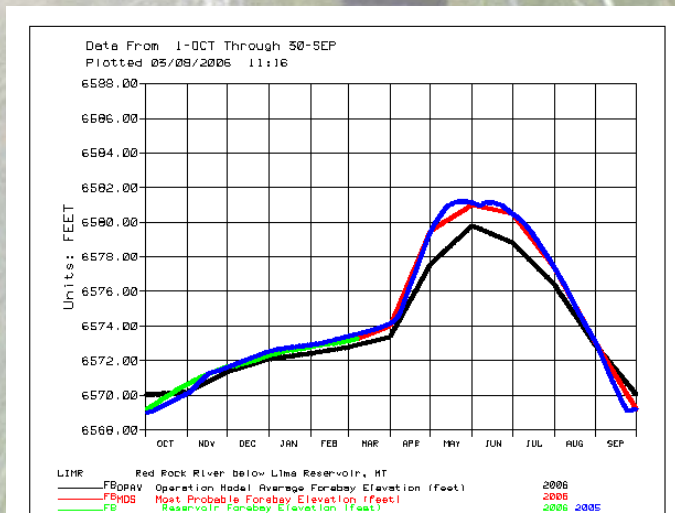
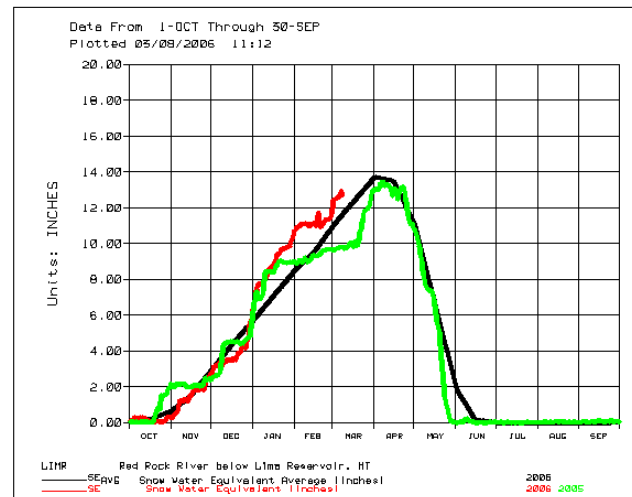
Inflows to Lima have improved significantly

Storage @ 103% of average

Snowpack @ 112% of average

Releases maintained @ 0 cfs

Water supply outlook is similar to that experienced last year and water users expect to fill Lima in 2006



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### Clark Canyon Reservoir

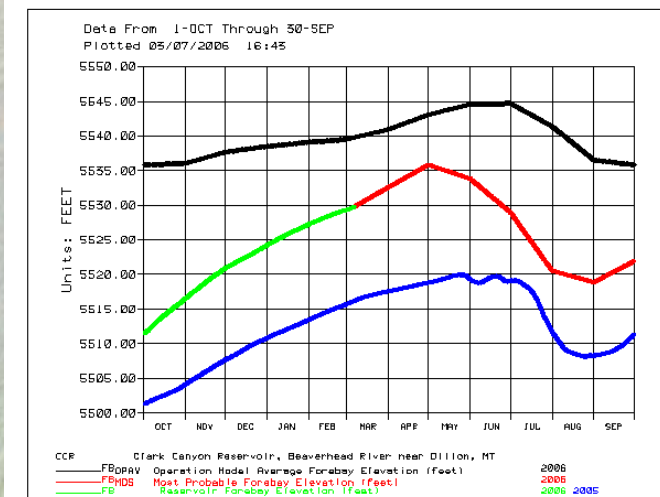
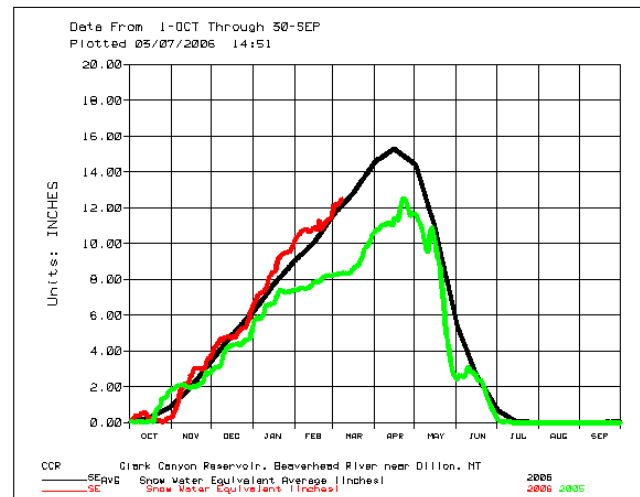
Inflows to Clark Canyon have improved significantly

Storage @ 100,000 af (70% of average)

Snowpack @ 103% of average

Releases maintained @ 25-30 cfs

Water supply outlook is much better than in past recent years and EBID & CCWSC are hoping to receive a full water supply in 2006



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### Hebgen Reservoir (PPL-MT)

Currently releasing 1,020 cfs  
to Madison River

Snowpack @ 108% of average

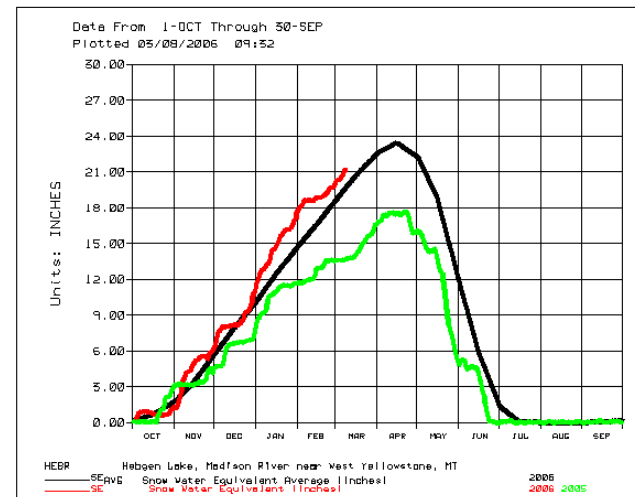
Storage @ 112% of average

After reservoir is drawn to a  
low elevation at 6524, plans  
are to fill the reservoir to 6535  
by late June and maintain it  
essentially full all summer

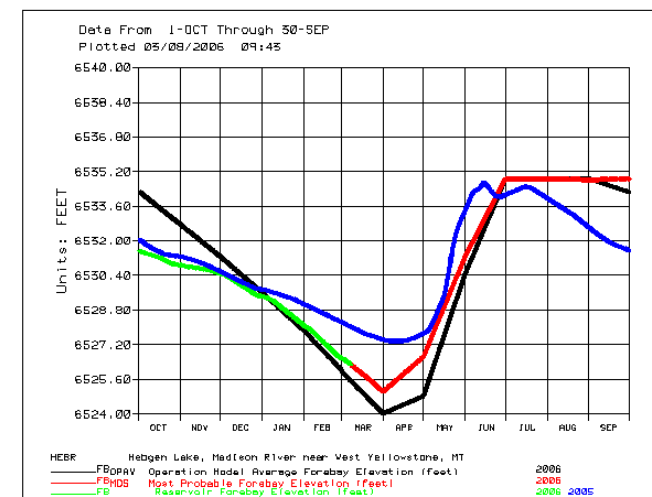
Water supply outlook is good



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93 %





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### Canyon Ferry Reservoir

Snowpack @ 108% of average

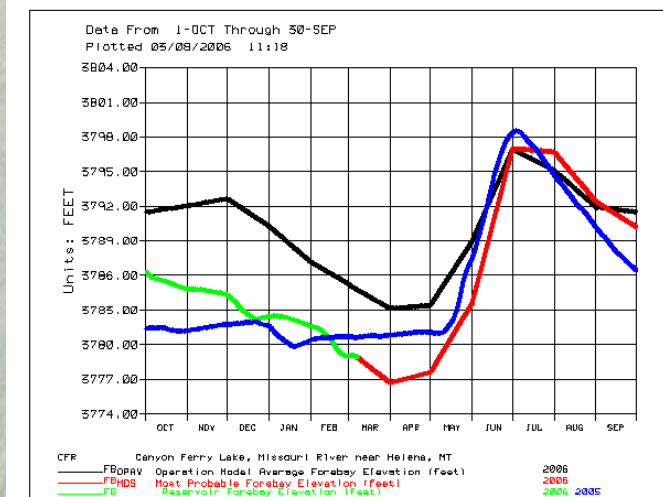
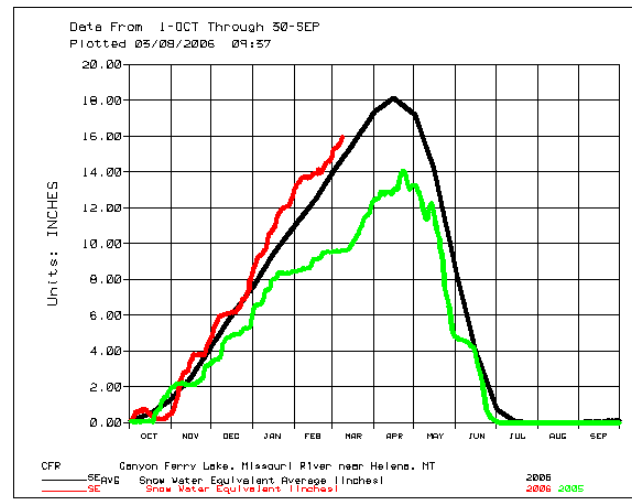
Storage @ 89% of average

Releases maintained @ near  
4,500 cfs below Holter Dam

Expect storage to fill to normal  
full pool by end of June

During spring runoff, releases  
out of Canyon Ferry may be  
increased to full capacity of  
5,500 cfs or higher to control the  
rate of fill

Water supply outlook is good



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### Gibson Reservoir

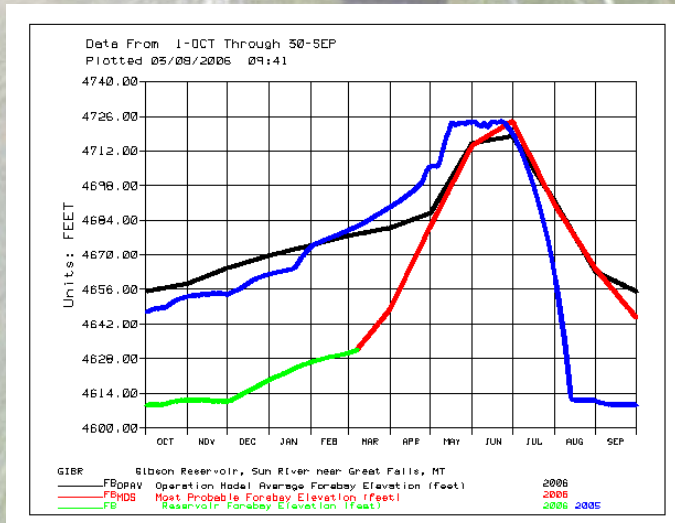
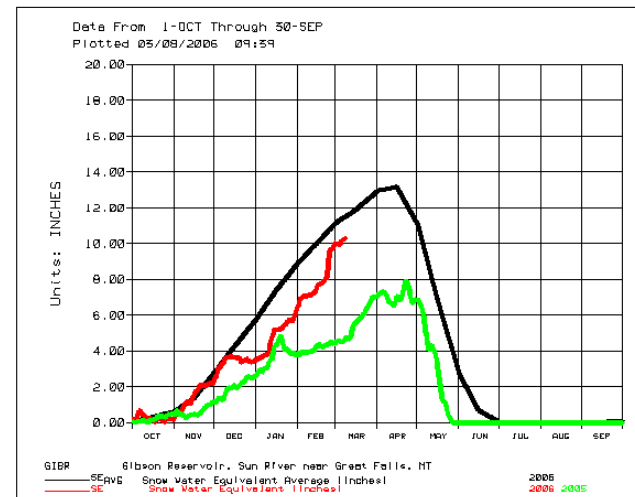
Snowpack @ 90% of average

Storage @ 31% of average

Depleted all storage last summer and by diverting water to Willow Creek, storage is well below normal

Releasing 80 cfs to Sun River

Expect to fill Gibson but if snowpack and spring precipitation drops to below normal, water users could experience water shortages in 2006



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### Lake Elwell

#### (Tiber Reservoir)

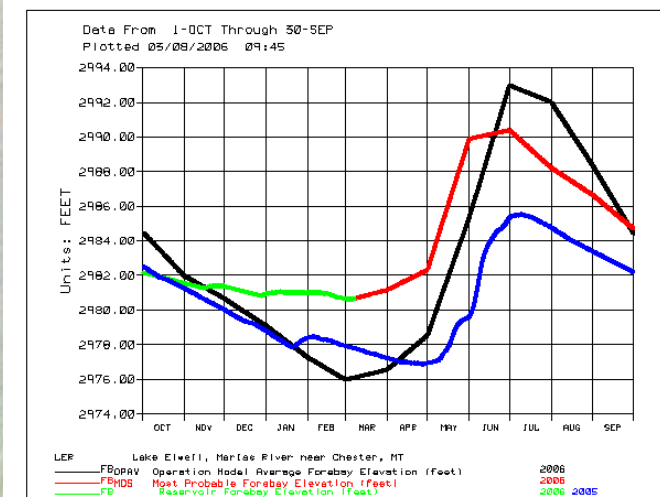
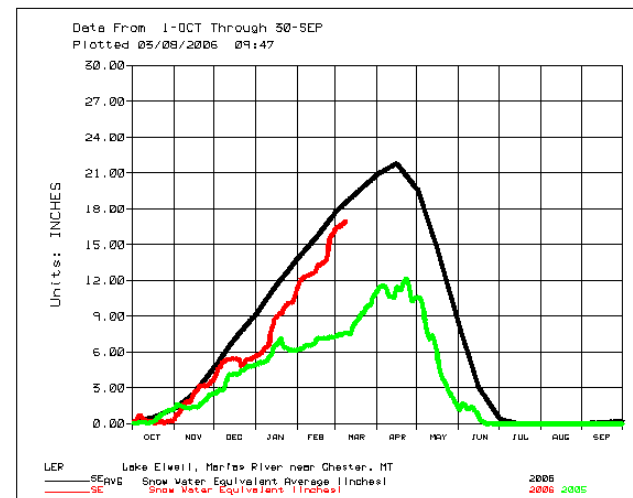
Snowpack @ 91% of average

Storage @ 109% of average

Currently releasing 320 cfs for minimum fishery flow but hope to increase these to 500 cfs in late March

Expect to fill Tiber to within 2.3 feet of normal full pool in June

Water supply outlook is good



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### Lake Sherburne

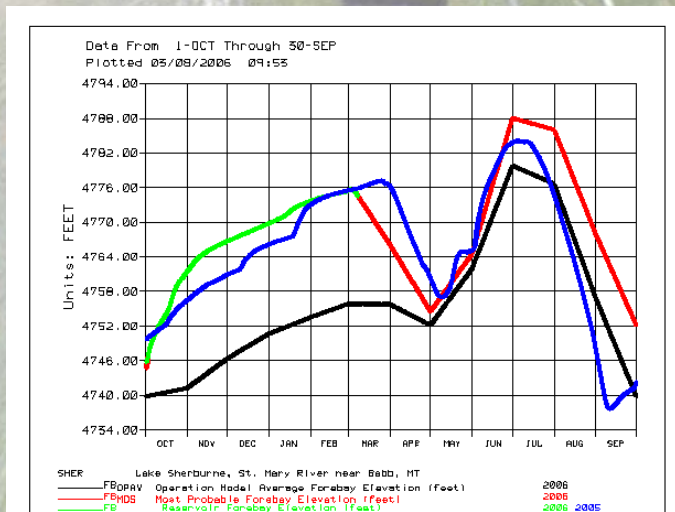
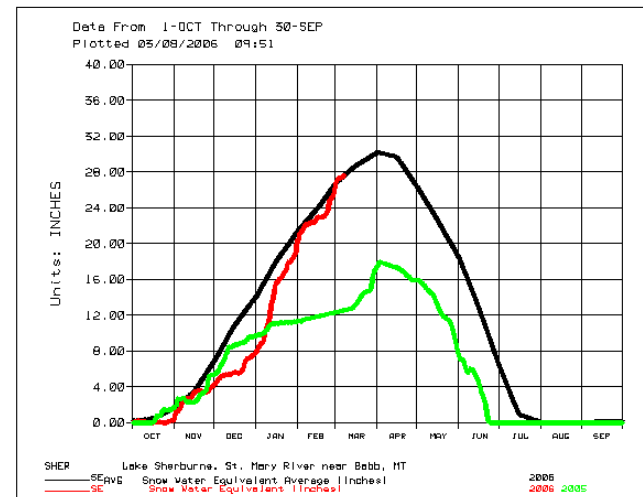
Winter inflows have been well above normal

Snowpack @ 100% of average

Storage @ 200 percent of average, the highest of record for this time of year

Currently diverting water from St. Mary River Basin to Milk River @ rate of 450 cfs

Water supply outlook is good



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### Fresno Reservoir

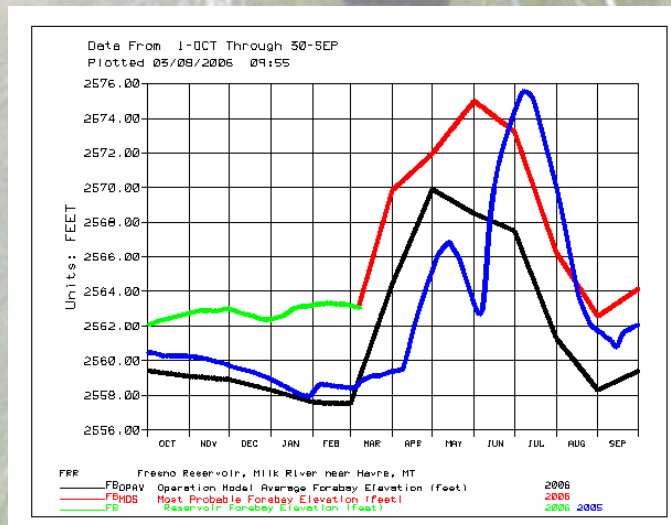
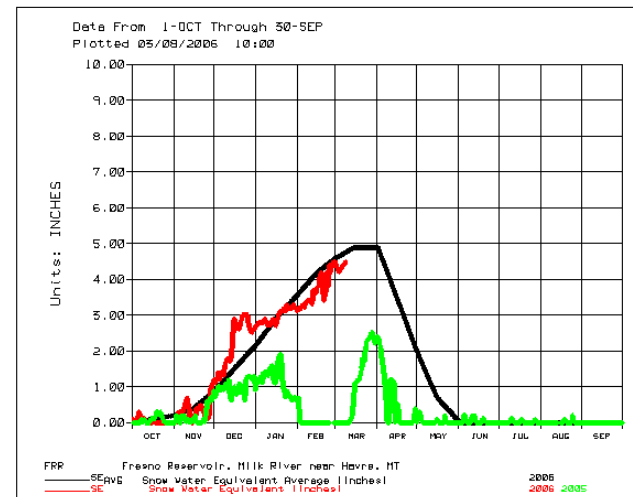
Currently planning to divert 450 cfs from St. Mary Basin to Milk River

Storage @ 130% of average

Currently releasing 40 cfs to the Milk River

Storage is expected to the top of the normal full pool @elevation 2575 and with timely rains, no irrigation shortages are anticipated this year

Water supply outlook is good



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### Bighorn Lake (Yellowtail Reservoir)

Inflow @ 73% of average

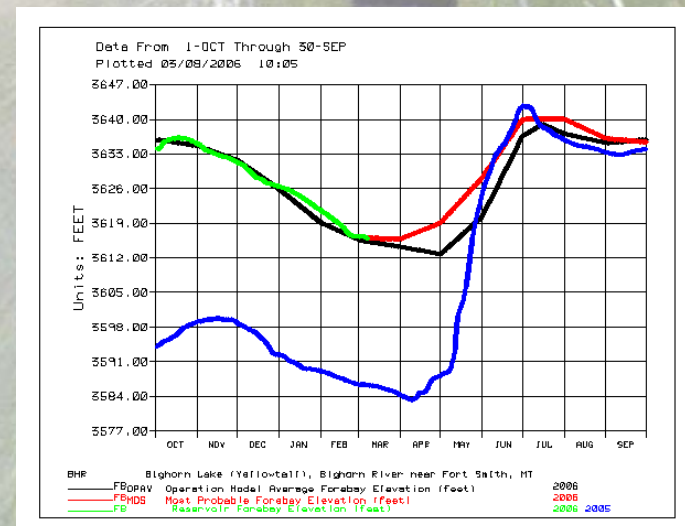
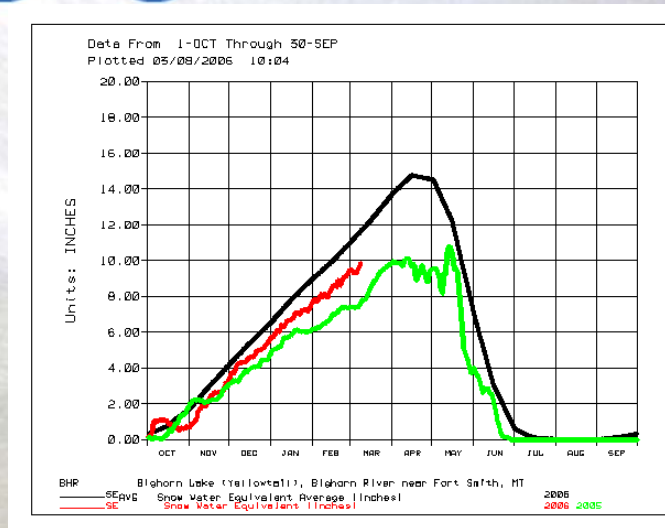
Snowpack @ 83% of average

Storage @ 101% of average

Releasing 2,500 cfs to Bighorn  
River

Expect to fill Bighorn Lake this  
spring

Water supply outlook is good



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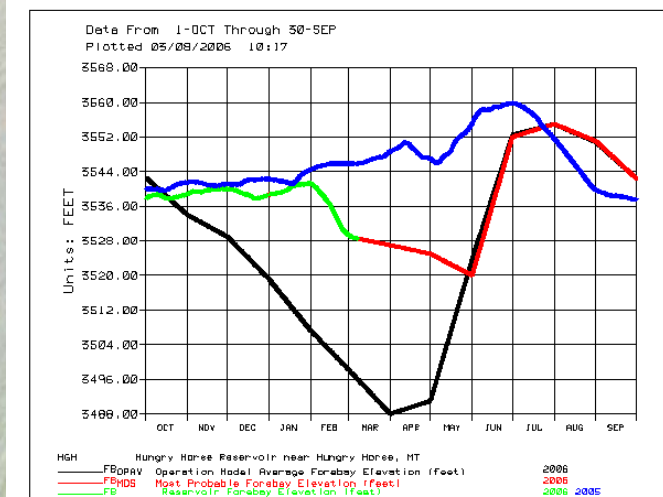
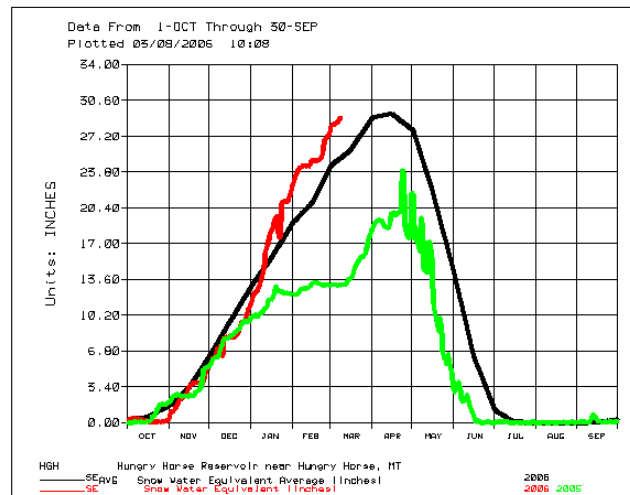
### Hungry Horse Reservoir

Snowpack @ 115% of average

Storage @ 128% of average

Releasing 2,050 cfs to river

Hope to fill Hungry Horse this year by continuing to conserve releases



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